RAW SEQUENCE LISTING

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Application Serial Number: _10/561,098_
Source: _1FwP_
Date Processed by STIC: _1/3/06_

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RAW SEQUENCE LISTING   DATE: 01/03/2006
PATENT APPLICATION: **US/10/561,098**   TIME: 11:04:01

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 5 <110> APPLICANT: DE WILDE, Gert Jules Hector
 6         SAUNDERS, Michael John Scott
 7         LOGGHE, Marc Georges
11 <120> TITLE OF INVENTION: ALCOHOL DEHYDROGENASE SEQUENCES USEFUL FOR DEVELOPING
COMPOUNDS FOR THE
12         PREVENTION AND/OR TREATMENT OF METABOLIC DISEASES
16 <130> FILE REFERENCE: D0590.70042US01
C--> 20 <140> CURRENT APPLICATION NUMBER: US/10/561,098
C--> 20 <141> CURRENT FILING DATE: 2005-12-16
20 <160> NUMBER OF SEQ ID NOS: 9
24 <170> SOFTWARE: PatentIn version 3.1
28 <210> SEQ ID NO: 1
30 <211> LENGTH: 465
32 <212> TYPE: PRT
34 <213> ORGANISM: Caenorhabditis elegans
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53      50                  55                  60
56 Val Arg Asn Leu Gly Ala Lys Lys Thr Leu Leu Ile Thr Asp Lys Asn
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60 Val Gln Asn Thr Ile Ala Phe Lys Asn Ala Glu Gln Ala Leu Lys Met
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65              100                 105                 110
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72 Asp Ser Phe Ile Ala Val Gly Gly Gly Ser Val Ile Asp Thr Thr Lys
73      130                 135                 140
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84 Pro Leu Ile Ala Val Pro Thr Thr Ala Gly Thr Gly Ser Glu Thr Thr
85              180                 185                 190
88 Ala Ala Ala Ile Met Asp Leu Pro Glu His Lys Cys Lys Thr Gly Ile
89          195                 200                 205
92 Arg Leu Arg Cys Ile Lys Pro Tyr Leu Ala Val Val Asp Pro Leu Asn
93      210                 215                 220
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101               245             250               255
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105               260             265               270
108 Asn Pro Ile Ser Asp Val Trp Ser Lys Glu Ala Leu Arg Ile Ile Gly
109           275             280               285
112 Lys Tyr Phe Arg Arg Ser Ile Phe Asp Pro Thr Asp Glu Glu Ala Arg
113       290             295             300
116 Thr Glu Met Leu Lys Ala Ser Ser Phe Ala Gly Ile Gly Phe Gly Asn
117 305               310             315                 320
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121               325             330               335
124 Ala Lys Ser Cys Val Ala Asp Asp Tyr Pro Lys Glu Lys Asn Leu Ile
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128 Pro His Gly Leu Ser Val Met Thr Thr Ala Val Ala Asp Phe Glu Phe
129           355             360               365
132 Thr Thr Ala Ala Cys Pro Asp Arg His Leu Ile Ser Ala Gln Thr Leu
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137 385               390             395                 400
140 Leu Cys Asp Arg Leu Arg Gly Tyr Met Arg Asp Phe Gly Val Pro Asn
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144 Gly Leu Lys Gly Met Gly Phe Glu Phe Ser Asp Ile Glu Met Leu Thr
145               420             425               430
148 Glu Ala Ala Ser His Ser Val Pro Asn Ile Ala Ile Ser Pro Lys Ser
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175 gattacgcgt tcgagatggt gtgctcaact cttcgtttcg aaaaggagt cacgttggag    180
177 attggatacg acgtccgtaa tctcggagca aagaaacgt tgcttatcac tgataagaat    240
179 gtgcagaata cgatcgcttt taaaaacgcc gagcaagcct taaaaatggt gaatatcgag    300
181 tatgaggtgt ttgatgatgt gctcattgag ccaaccgtca acagtatgca gaaagcaatc    360
183 gcatttgcca aatcgaagca attcgatagt ttcatcgctg ttggtggagg atctgtgatc    420
185 gacacgacga aggctgcagc tctatatgct tctaatccag aagcggactt cctcgacttt    480
187 gttggaccac cattcggaaa atccatgcaa ccaaagaacc caatgctccc attgatcgct    540
189 gtgccaacaa ctgctggaac tggatccgag actaccgcgg ctgcaatcat ggatcttcca    600
191 gagcacaagt gcaagactgg aatcagactt cgttgcatca agccgtactt ggcagttgtg    660
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201 gaagaagctc gtacagaaat gctcaaggct agttcatttg ctgggattgg attcggaaac    960
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213 atgggattcg aattttctga tattgaaatg cttactgaag cagccagcca ctccgtccca   1320
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328 Ala Pro Gly Leu Ser Pro Ser Gly Lys Thr Thr Asp Tyr Ala Phe Glu
329             35                  40                  45
332 Met Ala Val Ser Asn Ile Arg Tyr Gly Ala Ala Val Thr Lys Glu Val
333         50                  55                  60
336 Gly Met Asp Leu Lys Asn Met Gly Ala Lys Asn Val Cys Leu Met Thr
337 65                  70                  75                  80
340 Asp Lys Asn Leu Ser Lys Leu Pro Pro Val Gln Val Ala Met Asp Ser
341             85                  90                  95
344 Leu Val Lys Asn Gly Ile Pro Phe Thr Val Tyr Asp Asn Val Arg Val
345             100                 105                 110
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353         130                 135                 140
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361             165                 170                 175
364 Pro Leu Lys Pro Leu Ile Ala Val Pro Thr Thr Ser Gly Thr Gly Ser
365             180                 185                 190
368 Glu Thr Thr Gly Val Ala Ile Phe Asp Tyr Glu His Leu Lys Val Lys
369             195                 200                 205
372 Ile Gly Ile Thr Ser Arg Ala Ile Lys Pro Thr Leu Gly Leu Ile Asp
373         210                 215                 220
376 Pro Leu His Thr Leu His Met Pro Ala Arg Val Val Ala Asn Ser Gly
377 225                 230                 235                 240
380 Phe Asp Val Leu Cys His Ala Leu Glu Ser Tyr Thr Thr Leu Pro Tyr
381             245                 250                 255
384 His Leu Arg Ser Pro Cys Pro Ser Asn Pro Ile Thr Arg Pro Ala Tyr
385             260                 265                 270
388 Gln Gly Ser Asn Pro Ile Ser Asp Ile Trp Ala Ile His Ala Leu Arg
389             275                 280                 285
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396 Glu Ala Arg Ser His Met His Leu Ala Ser Ala Phe Ala Gly Ile Gly
397 305                 310                 315                 320
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412 Phe Thr Phe Thr Ala Gln Met Phe Pro Glu Arg His Leu Glu Met Ala
413         370                 375             380
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417 385                 390                 395                 400
420 Leu Val Leu Ala Asp Thr Leu Arg Lys Phe Leu Phe Asp Leu Asp Val
421             405             410                 415
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425             420                 425                 430
428 Leu Val Lys Gly Thr Leu Pro Gln Glu Arg Val Thr Lys Leu Ala Pro
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442 <211> LENGTH: 1831
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VERIFICATION SUMMARY   DATE: 01/03/2006
PATENT APPLICATION: US/10/561,098   TIME: 11:04:02

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L:20 M:271 C: Current Filing Date differs, Replaced Current Filing Date